

**Figure 3**  
**Arsenic Air Sample Results**  
 NIOSH REL 2.0 Micrograms/Cubic Meter Ceiling Limit  
 OSHA PEL 10.0 Micrograms/Cubic Meter

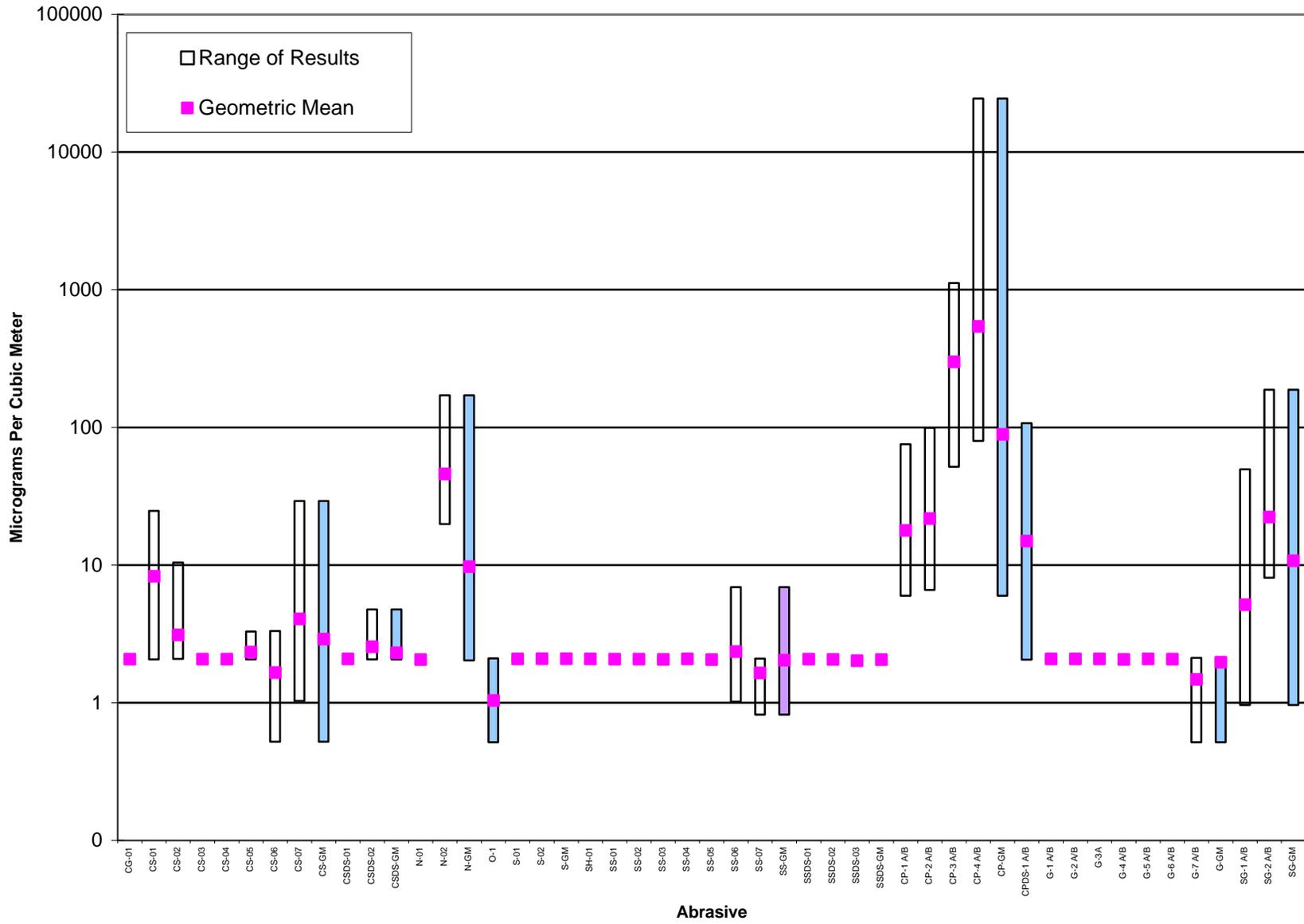


Figure 4

**Beryllium Air Sample Results**  
NIOSH REL 0.50 micrograms/cubic meter  
OSHA PEL 2.0 micrograms/cubic meter

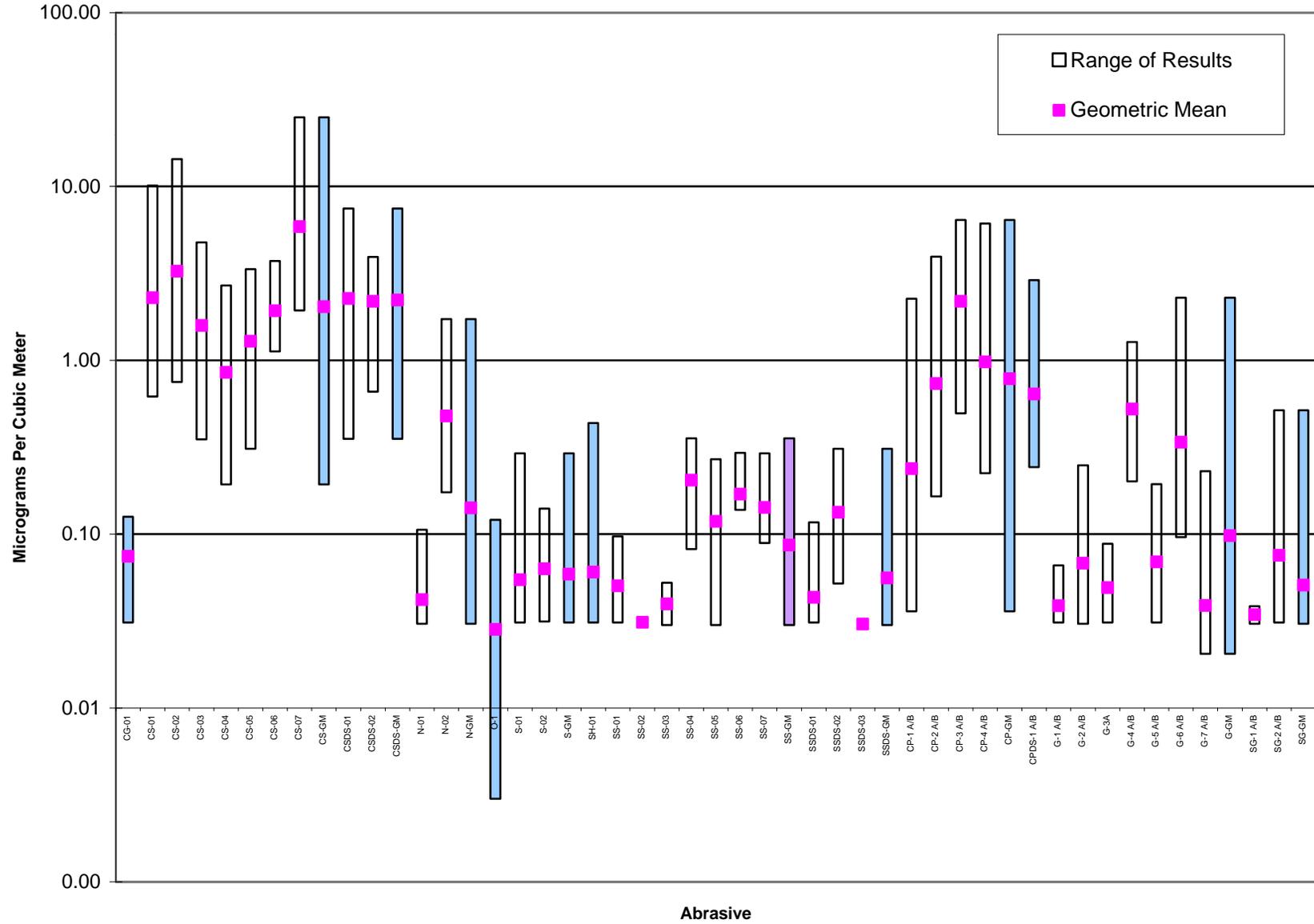


Figure 5

Cadmium Air Sample Results

NIOSH REL - Limit of Quantification (Lowest Feasible Concentration)

OSHA PEL 5.0 micrograms/cubic meter

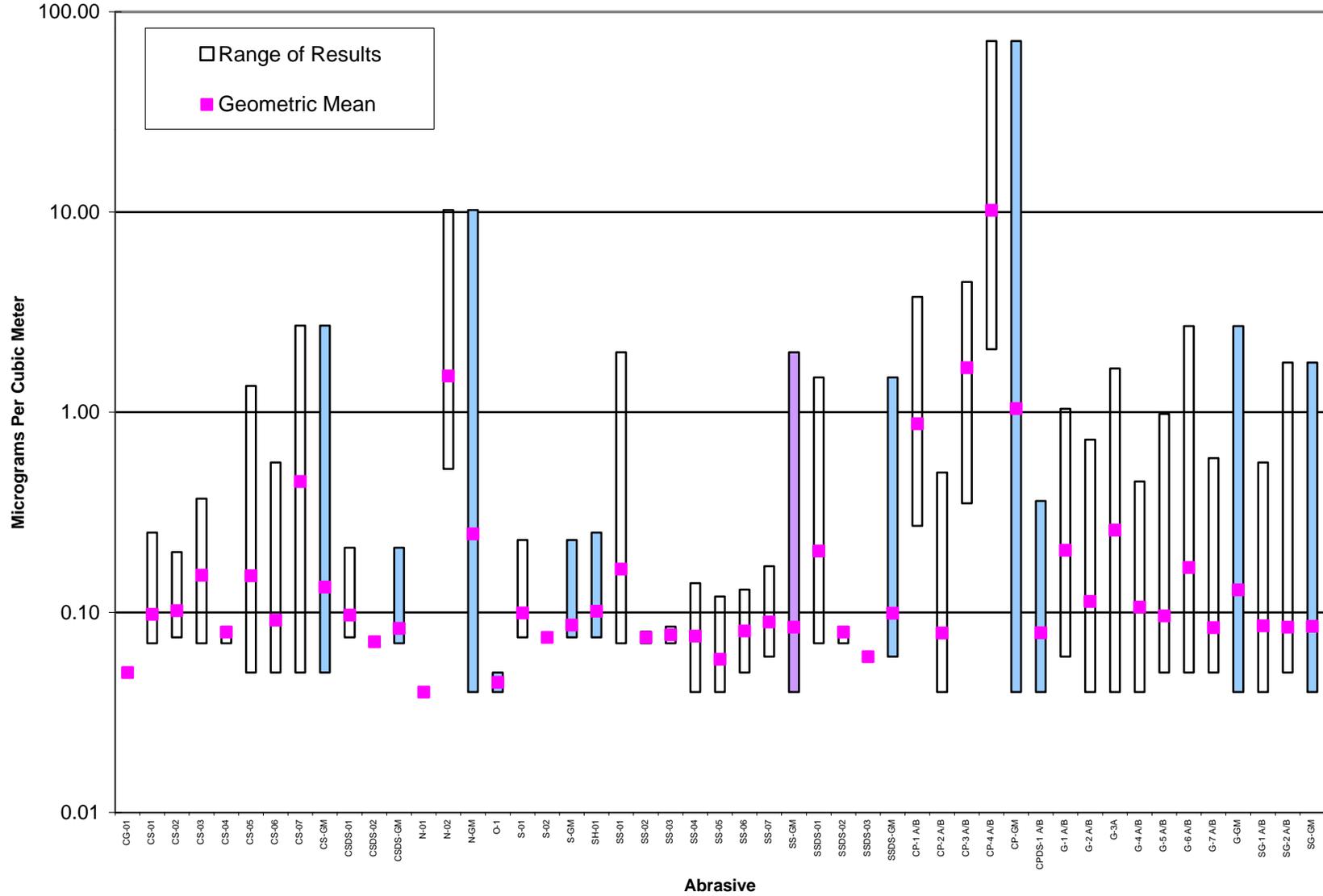
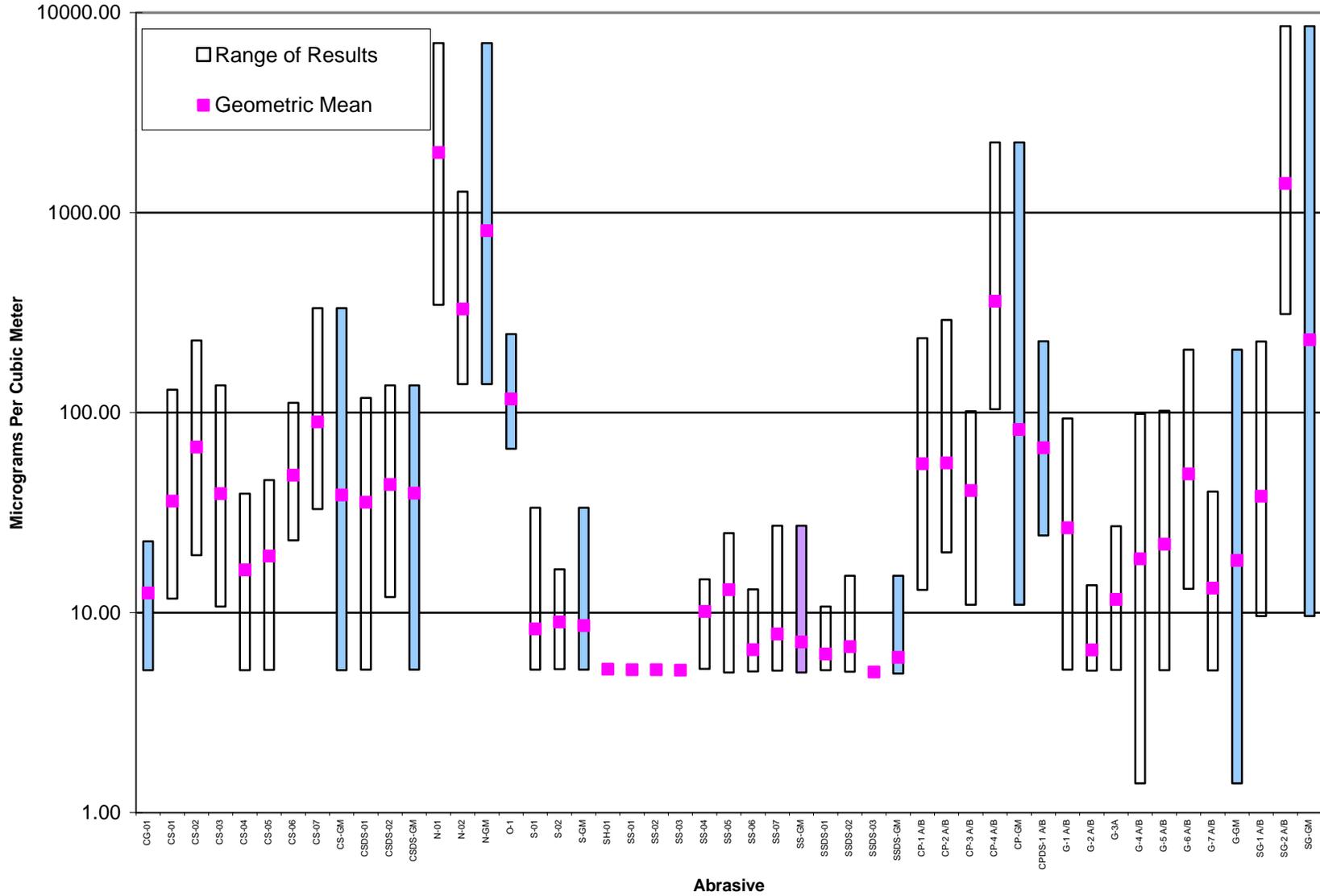


Figure 6

**Chromium Air Sample Results**  
NIOSH REL 500.0 micrograms/cubic meter  
OSHA PEL 500.0 micrograms/cubic meter



# Figure 7

## Lead Air Sample Results

NIOSH REL 100.0 micrograms/cubic meter

OSHA PEL 50.0 micrograms/cubic meter

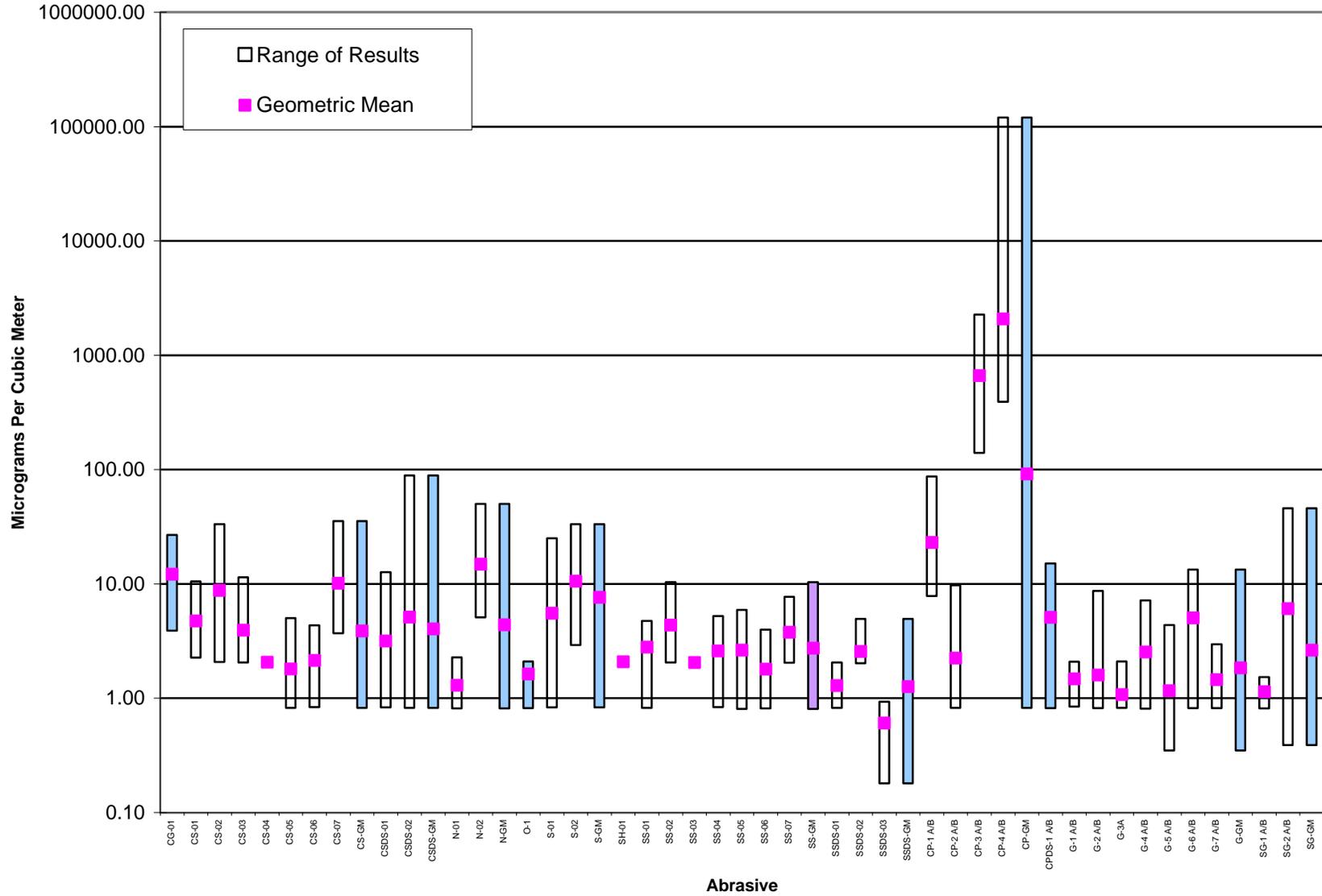


Figure 8

**Manganese Air Sample Results**  
NIOSH REL 1000.0 micrograms/cubic meter  
OSHA PEL 5000.0 micrograms/cubic meter Ceiling Limit

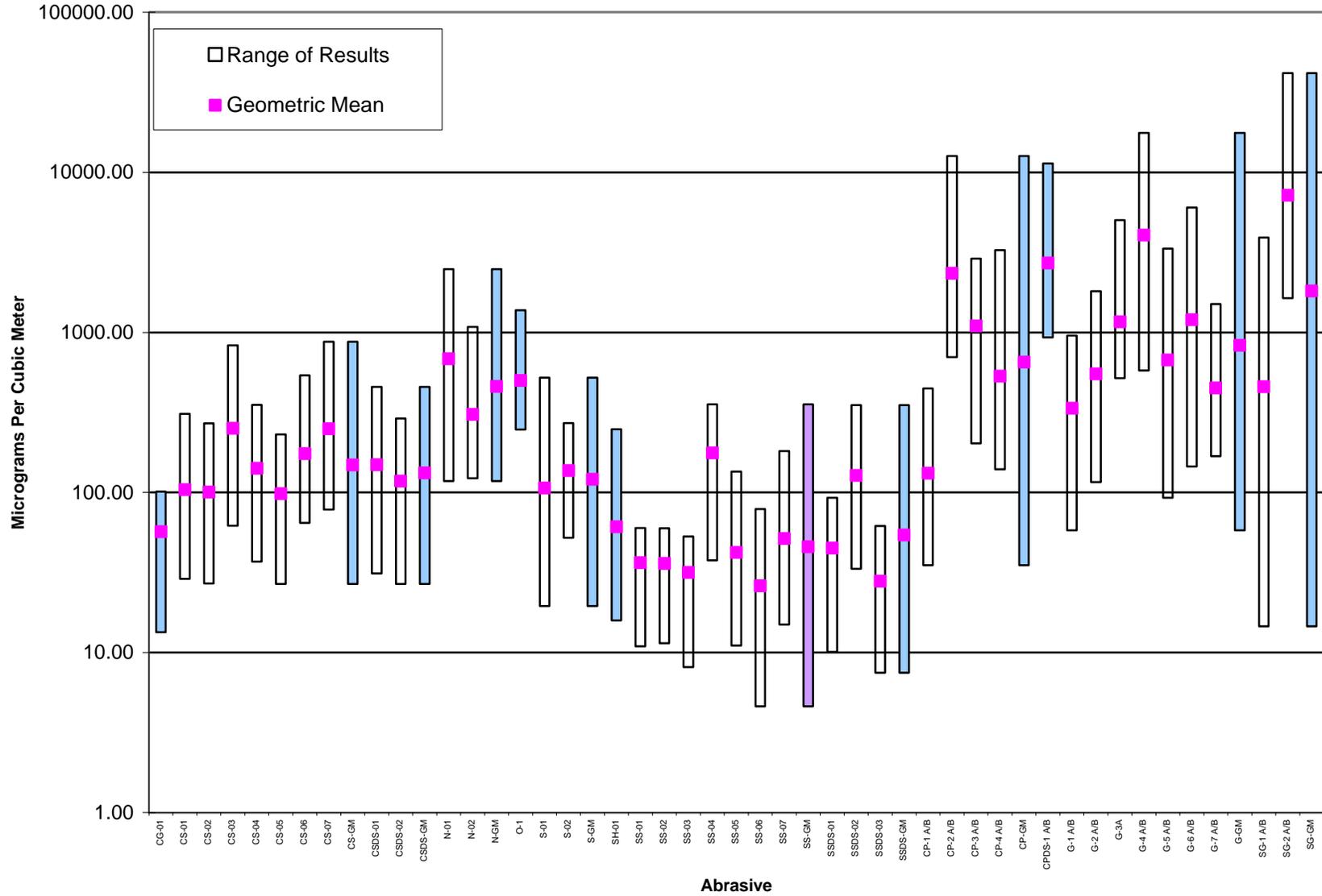


Figure 9

**Nickel Air Sample Results**  
NIOSH REL 15.0 micrograms/cubic meter  
OSHA PEL 1000.0 micrograms/cubic meter

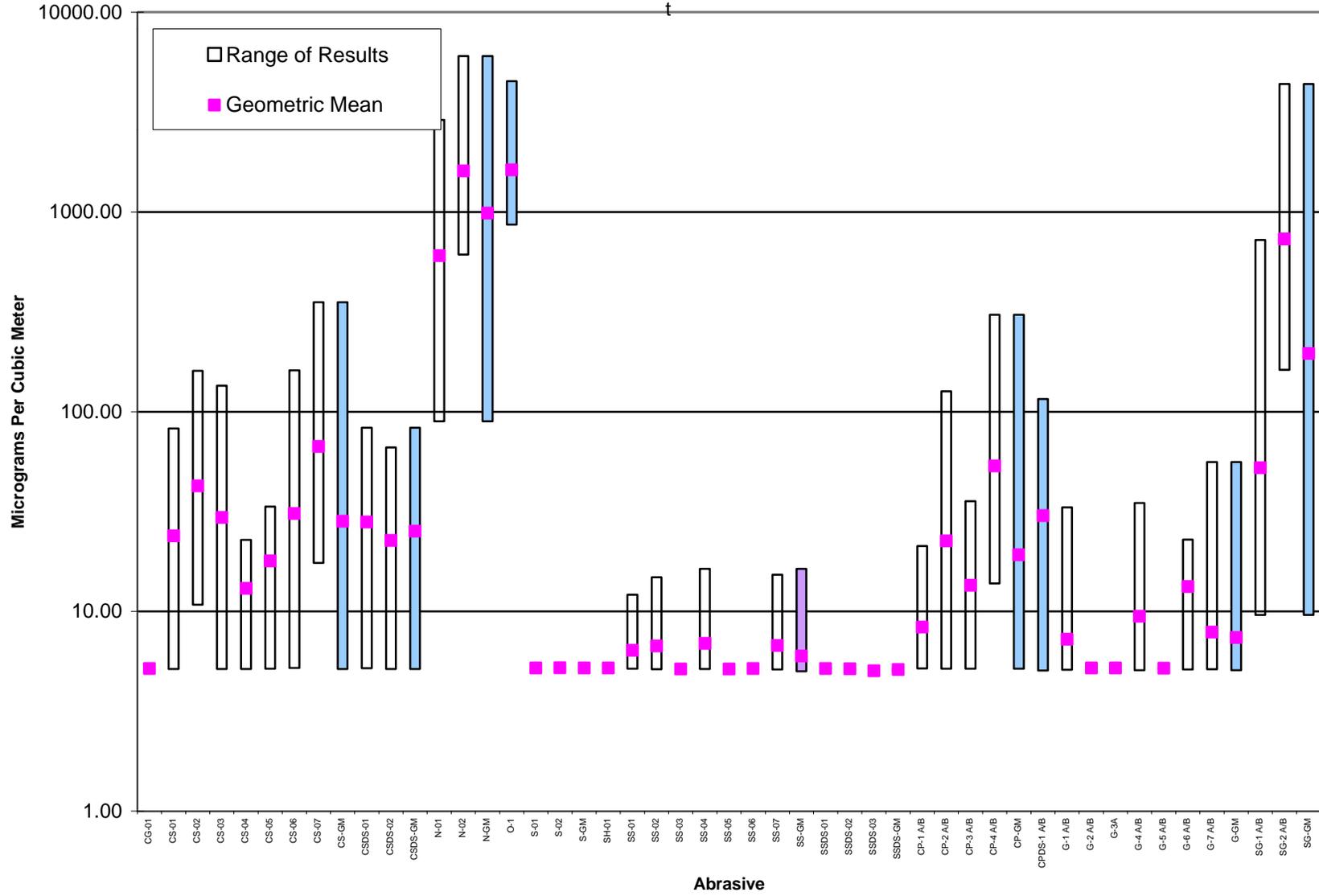


Figure 10

Respirable Quartz Air Sample Results

NIOSH REL 0.05 milligrams/cubic meter

OSHA PEL As Calculated

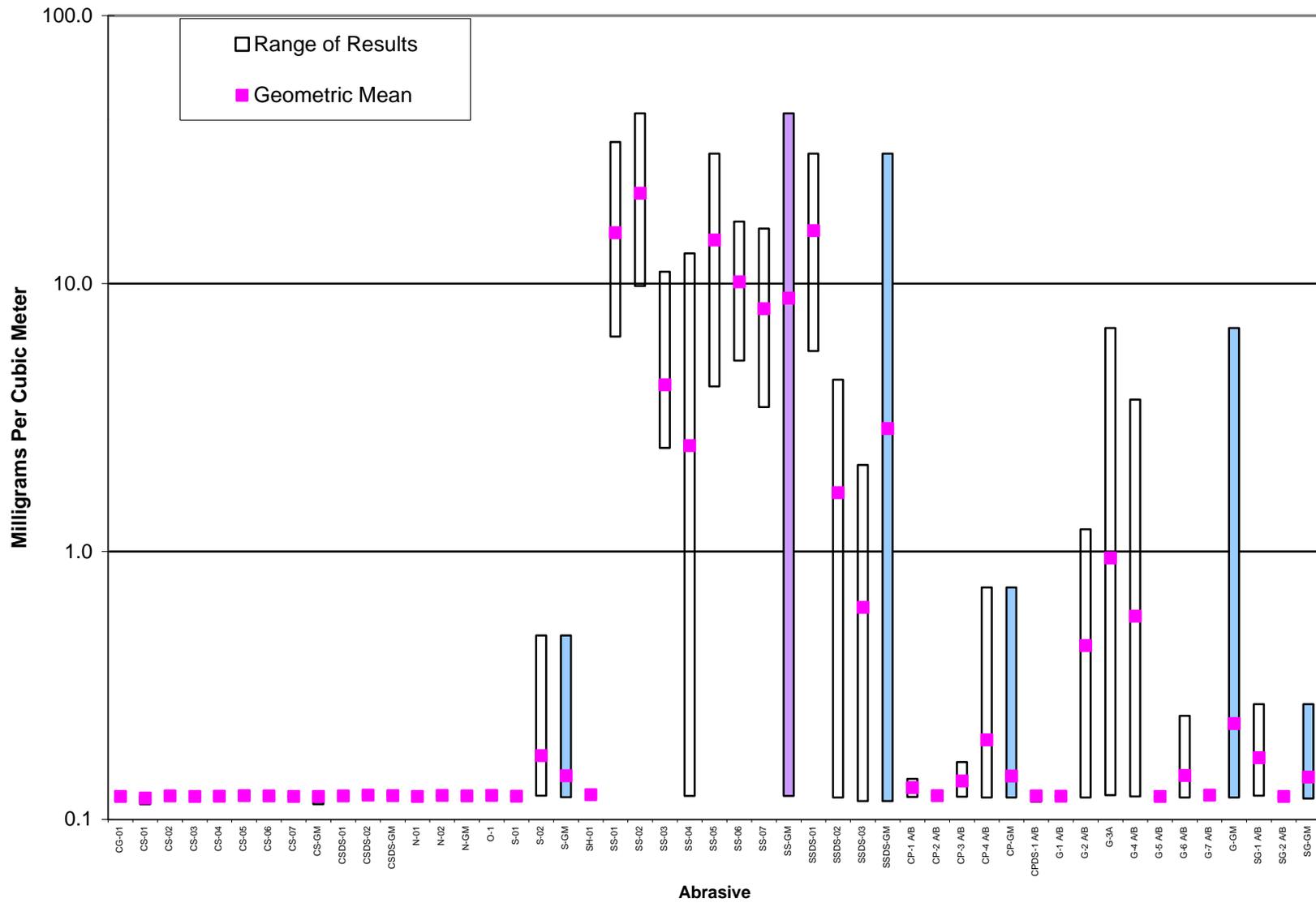


Figure 11

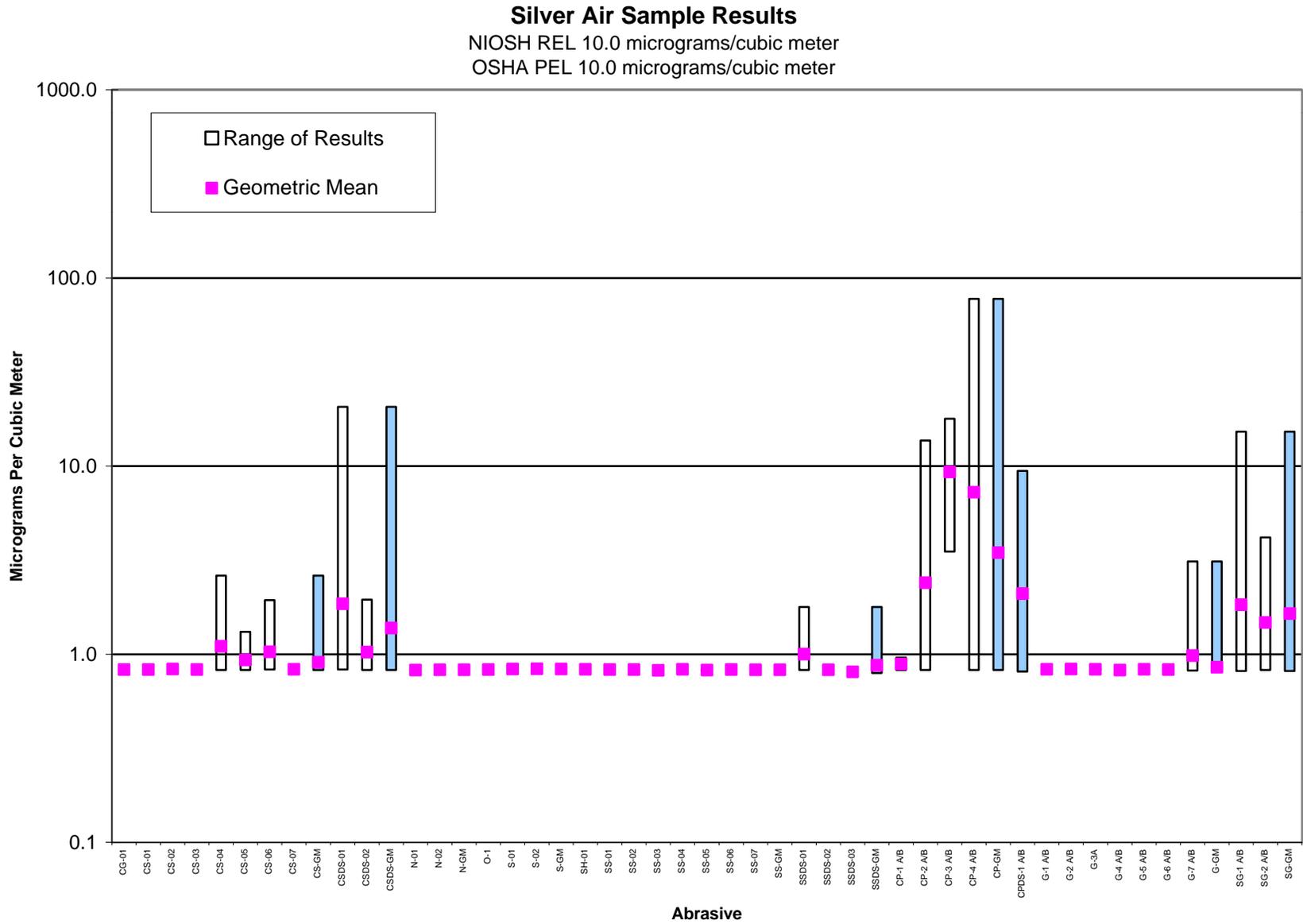
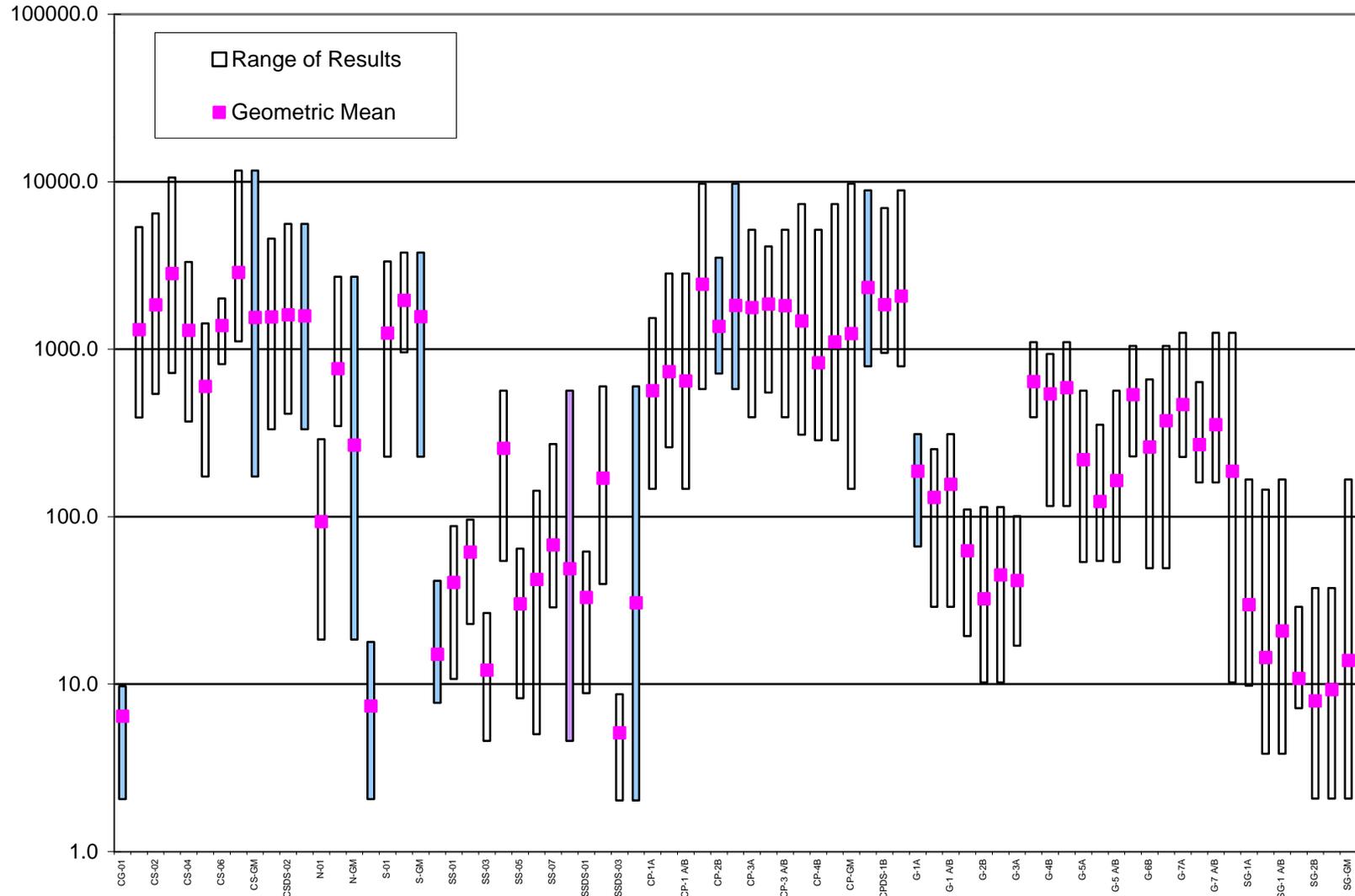


Figure 12

Titanium Air Sample Results

NIOSH REL - Limit of Quantification (Lowest Feasible Concentration)  
OSHA PEL 15000.0 micrograms/cubic meter



# Figure 13

## Vanadium Air Sample Results

NIOSH REL 50.0 micrograms/cubic meter Ceiling Limit

OSHA PEL 500.0 micrograms/cubic meter Ceiling Limit

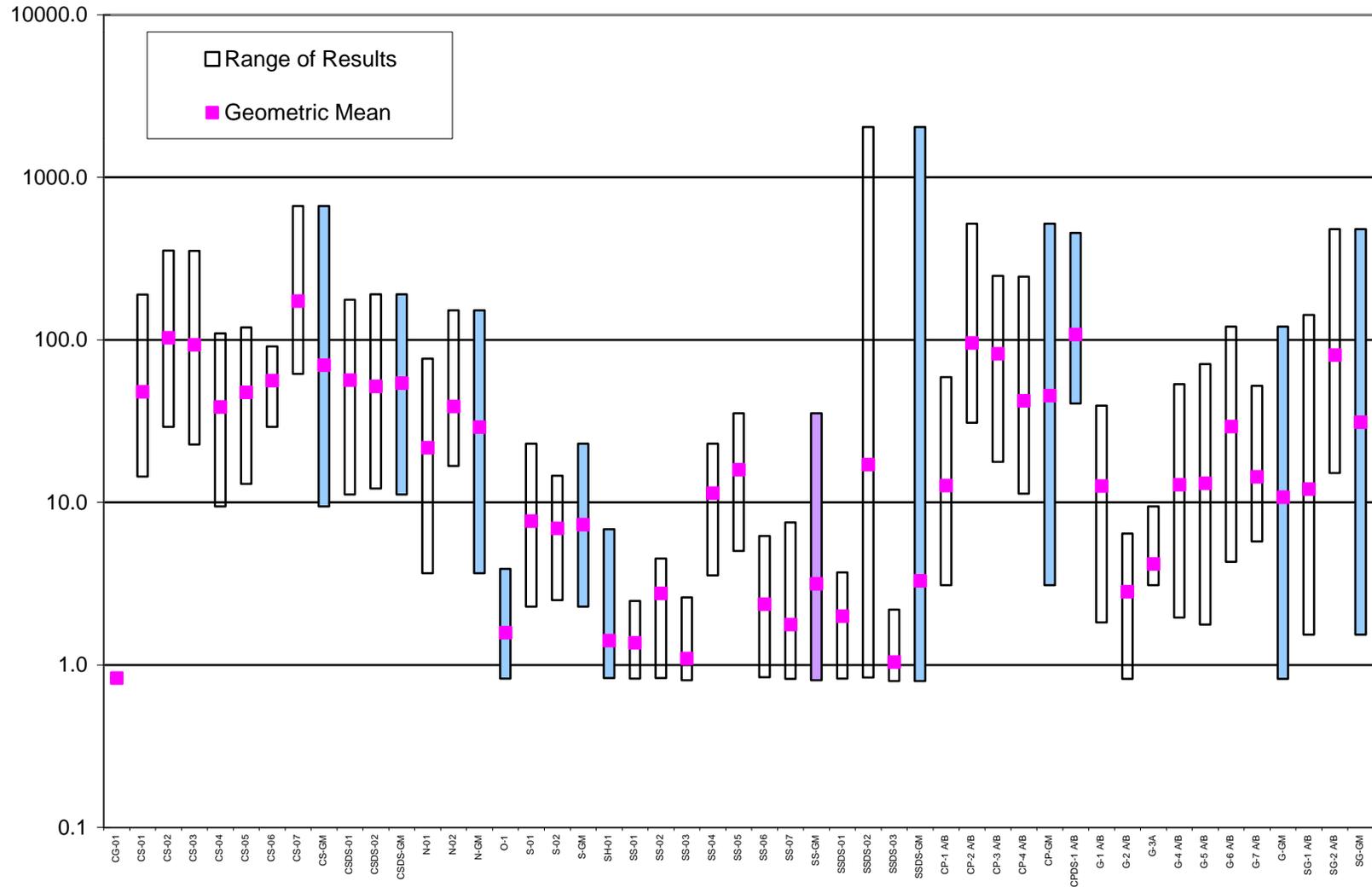


Figure 14  
 Paired Abrasives - Effect of Treating Abrasives With Dust Suppressants Charts  
 Note: All units in  $\mu\text{g}/\text{m}^3$ , except respirable quartz which is in  $\text{mg}/\text{m}^3$

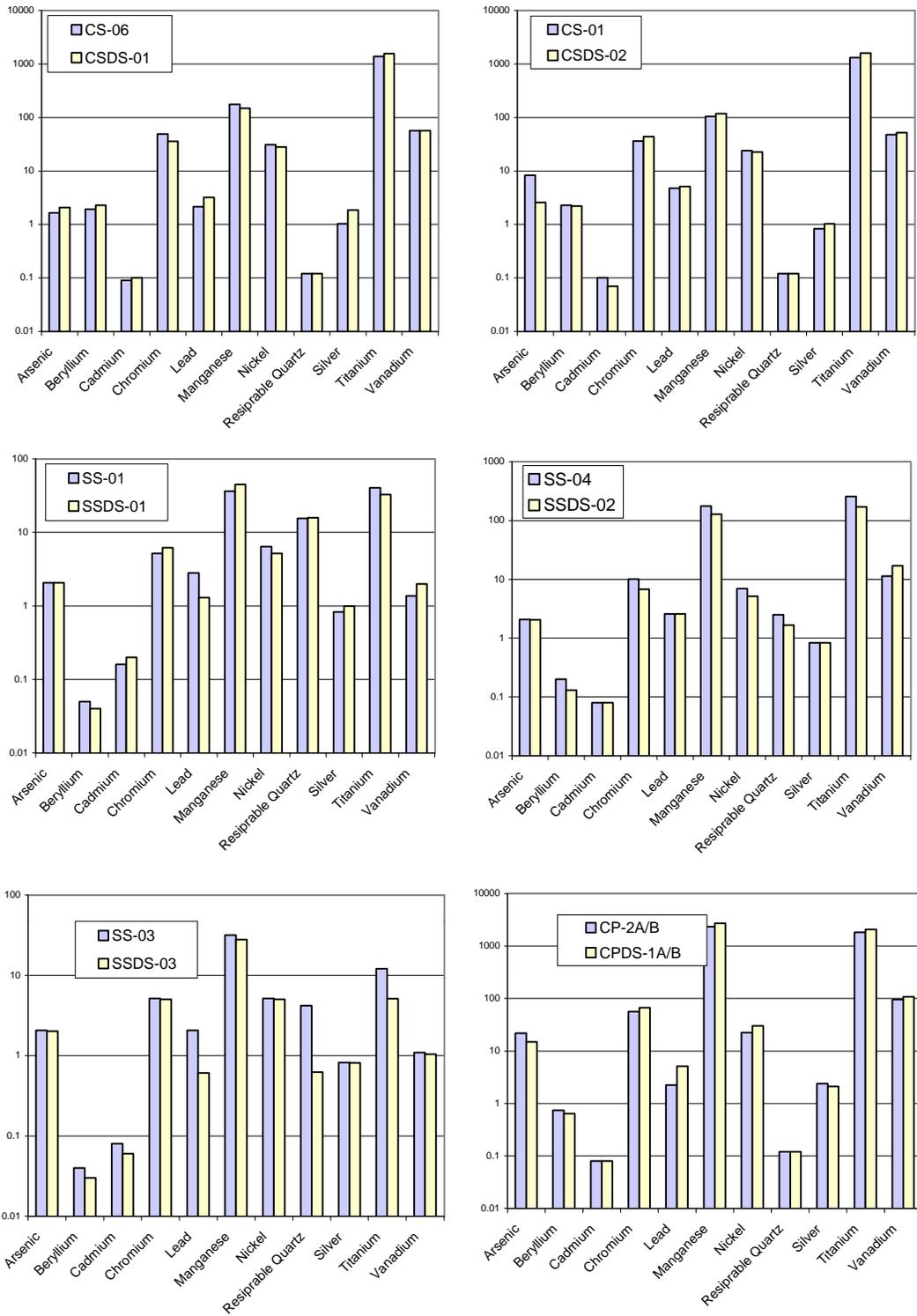


Figure 15  
Arsenic Bulk Sample Results

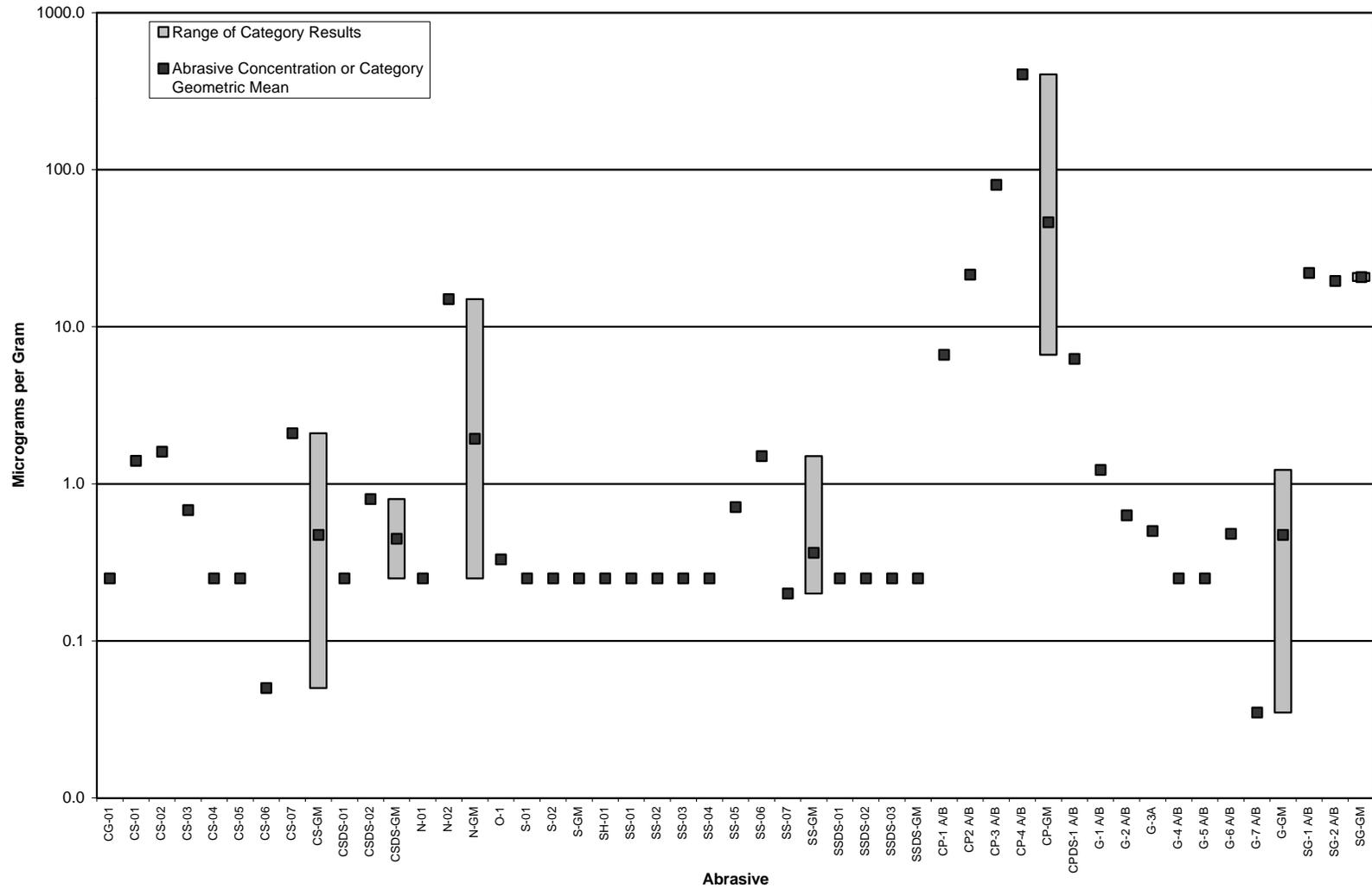
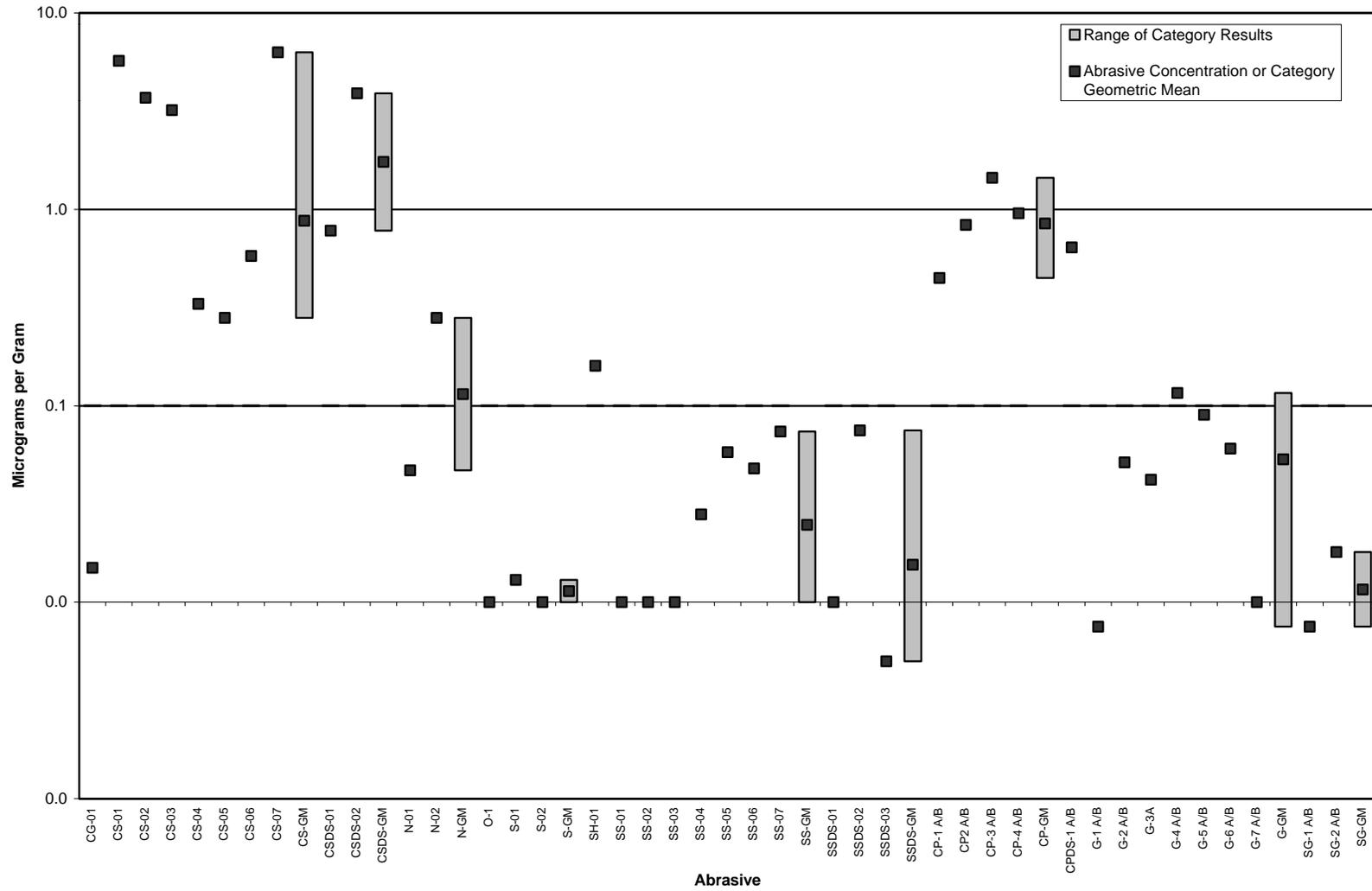


Figure 16  
Beryllium Bulk Sample Results



**Figure 17**  
**Cadmium Bulk Sample Results**

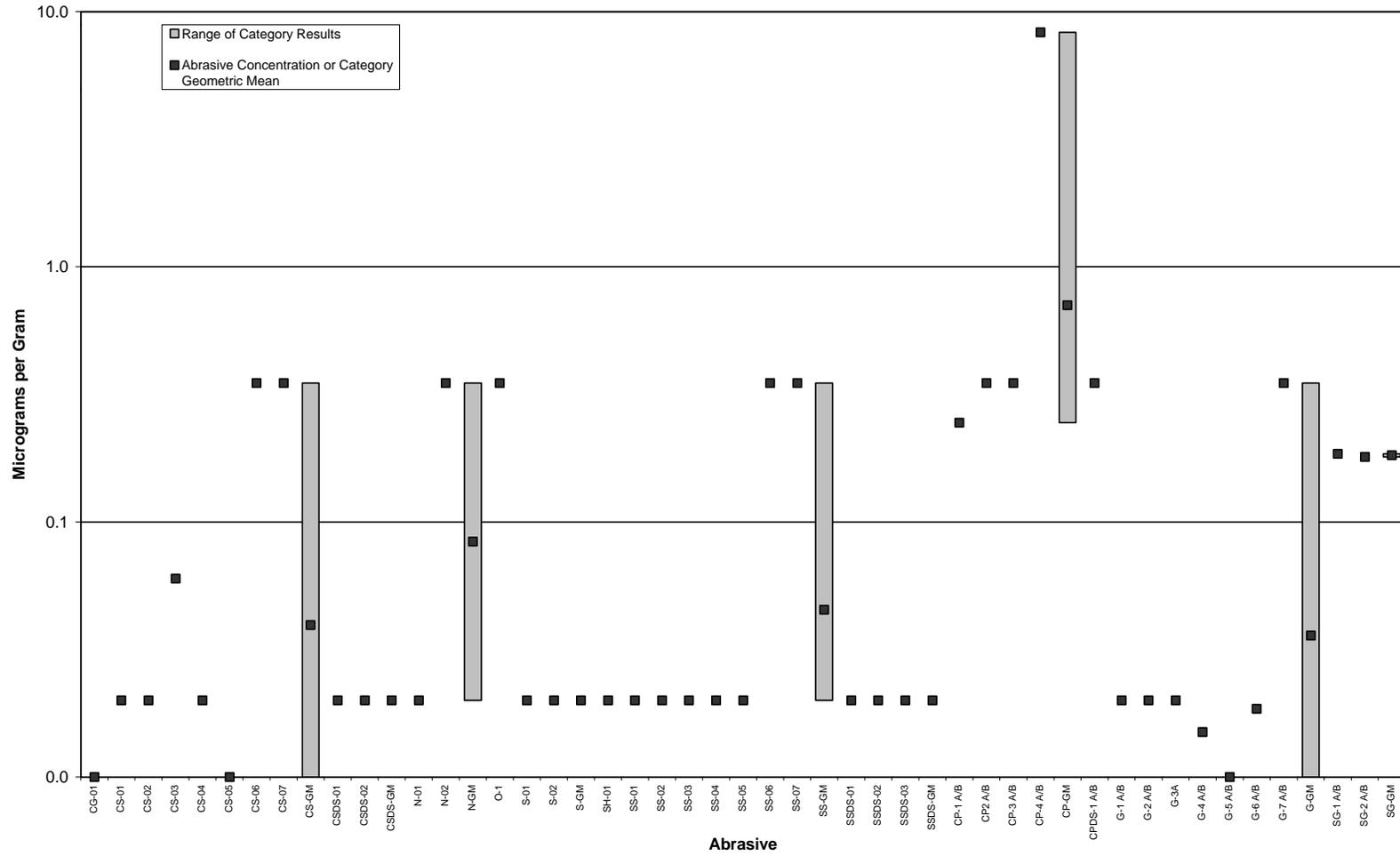
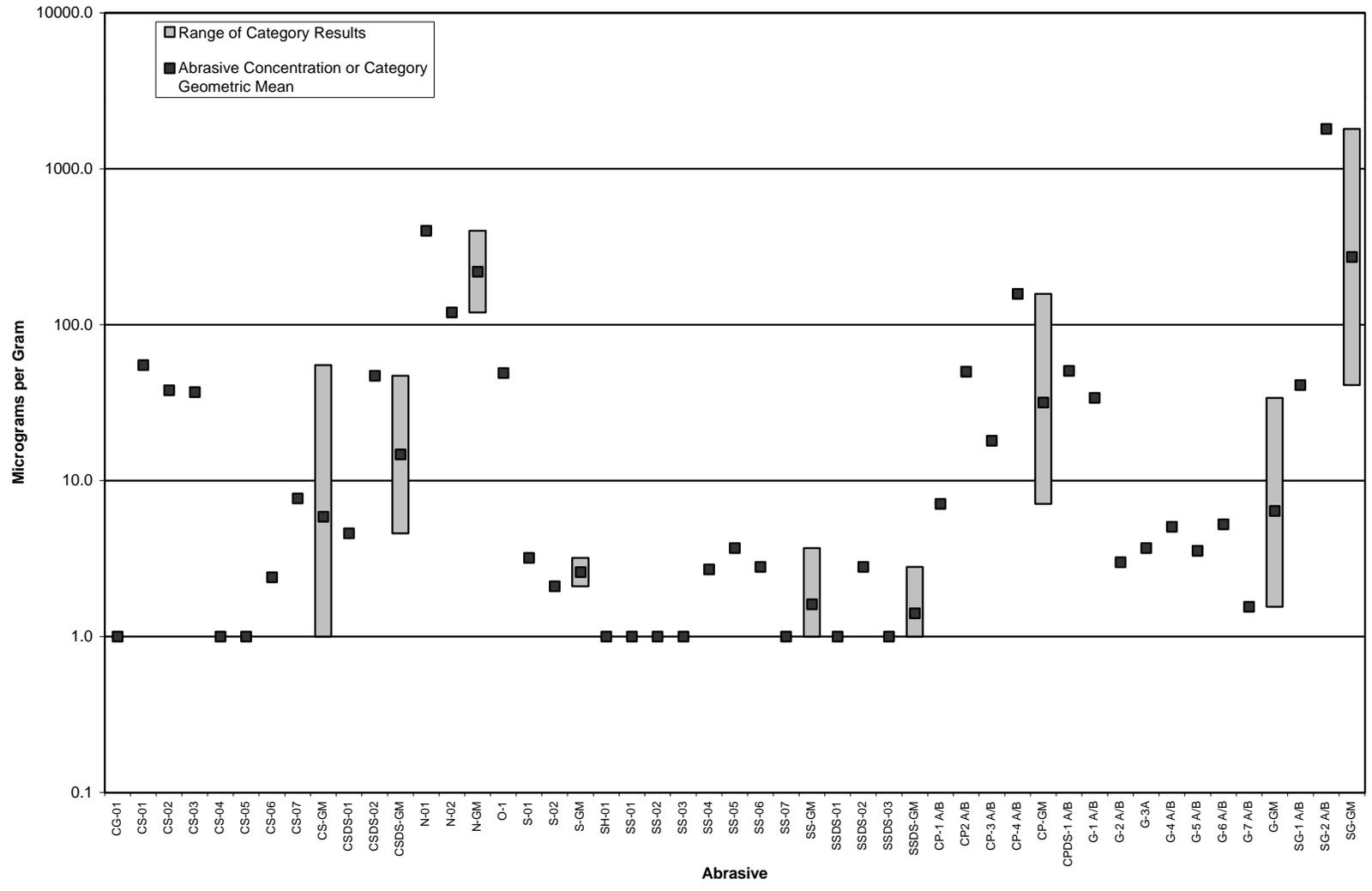


Figure 18  
Chromium Bulk Sample Results



**Figure 19**  
**Lead Bulk Sample Results**

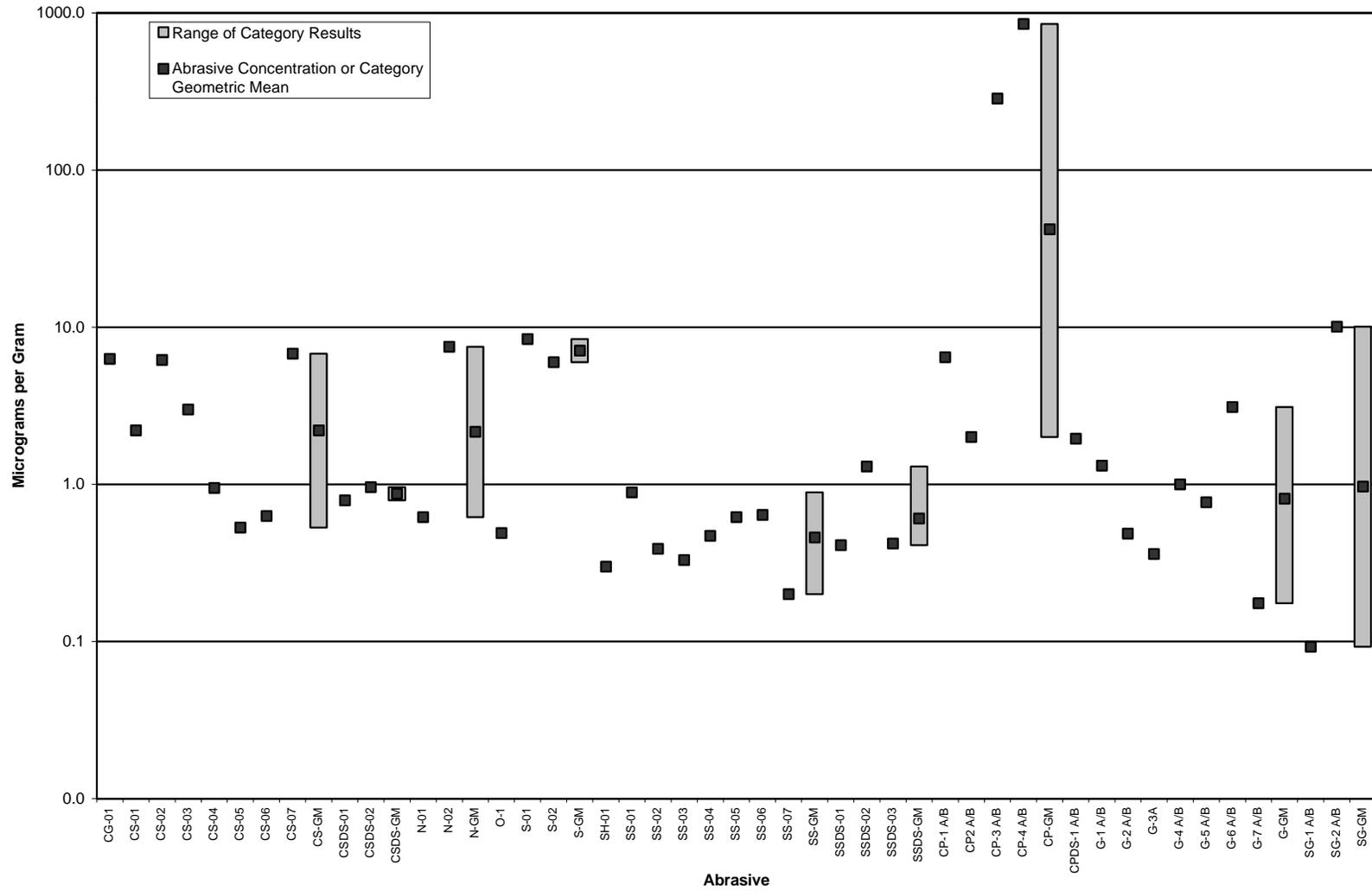


Figure 20  
Manganese Bulk Sample Results

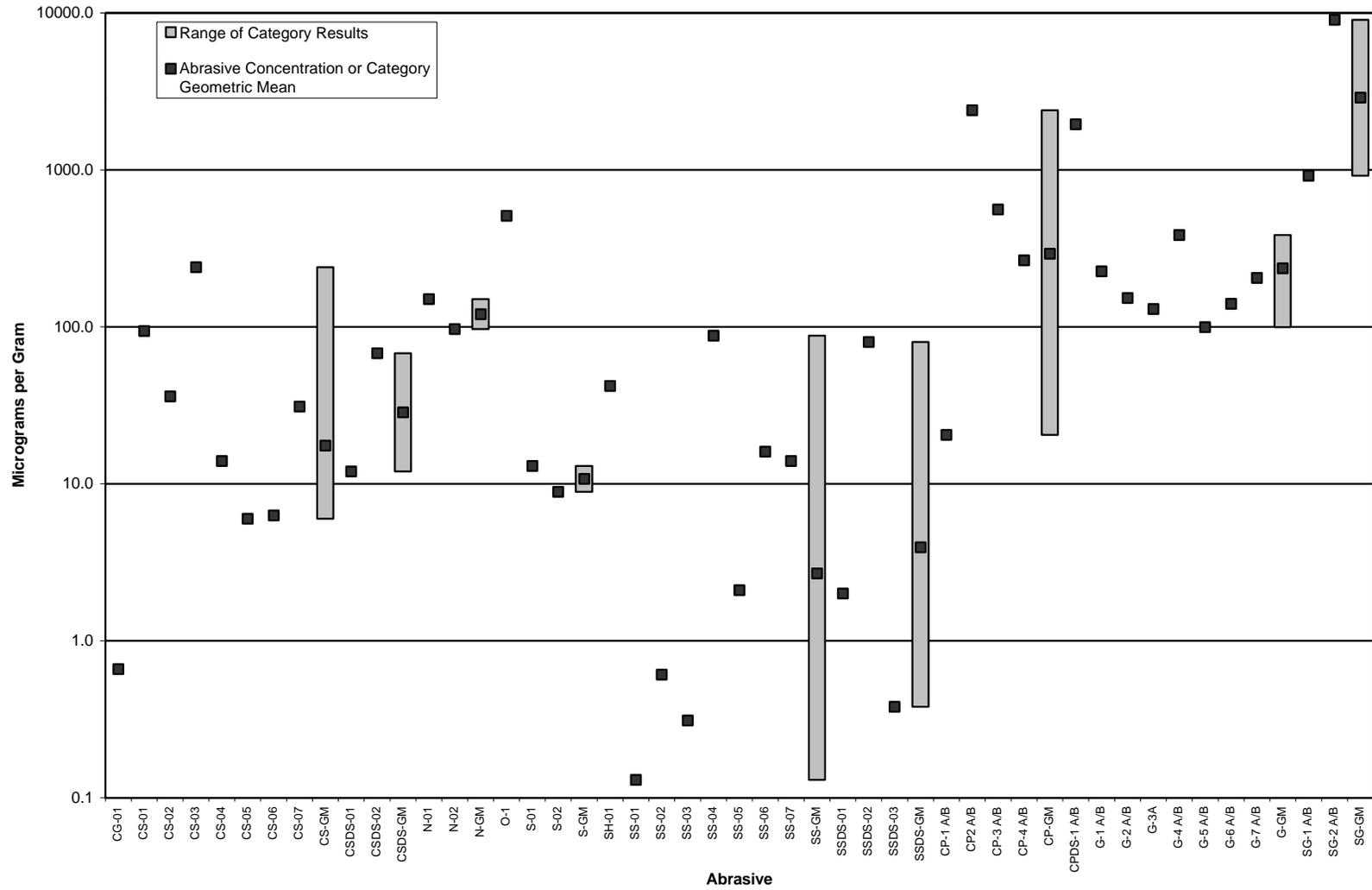


Figure 21  
Nickel Bulk Sample Results

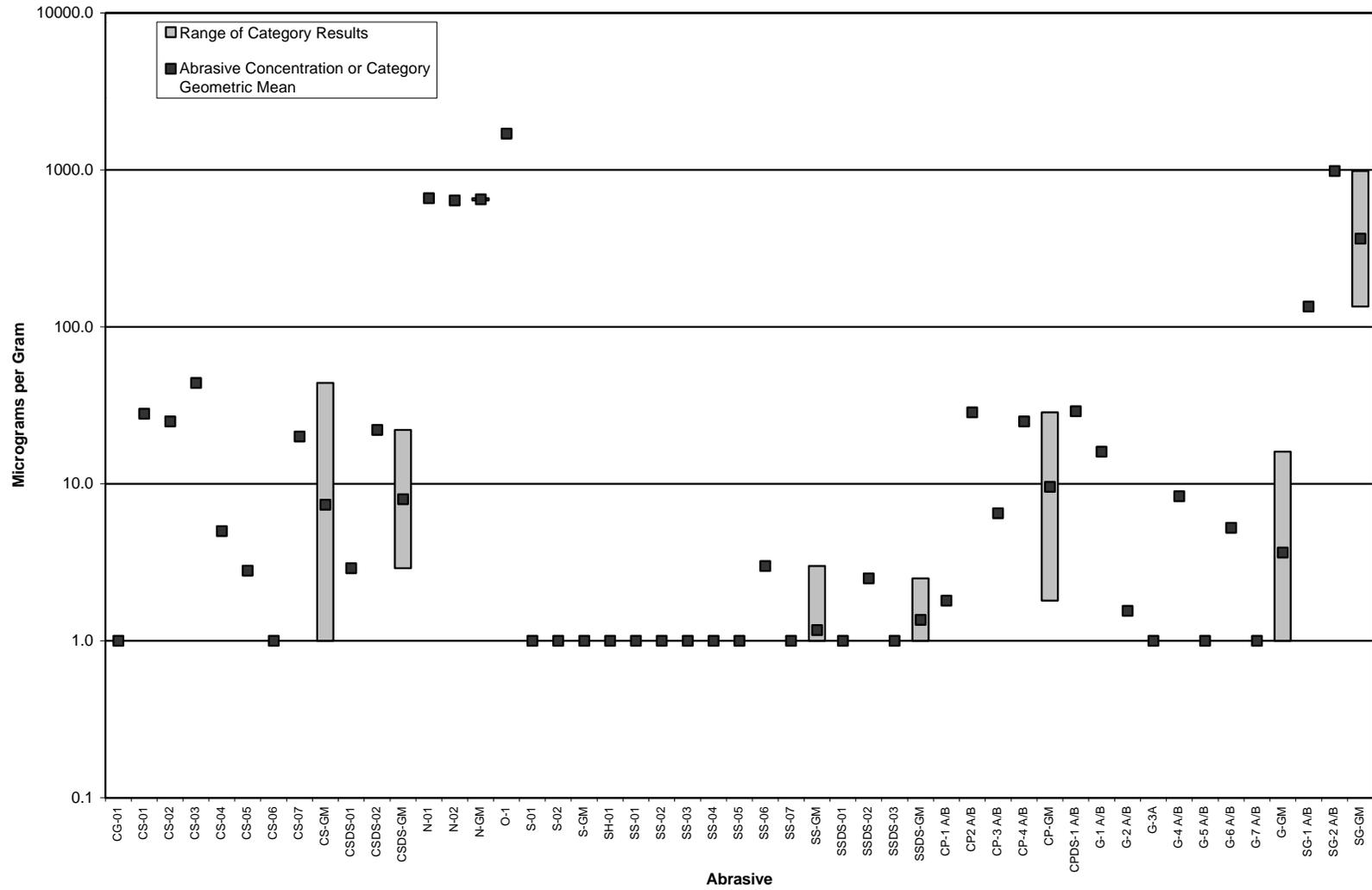


Figure 22  
Quartz Bulk Sample Results

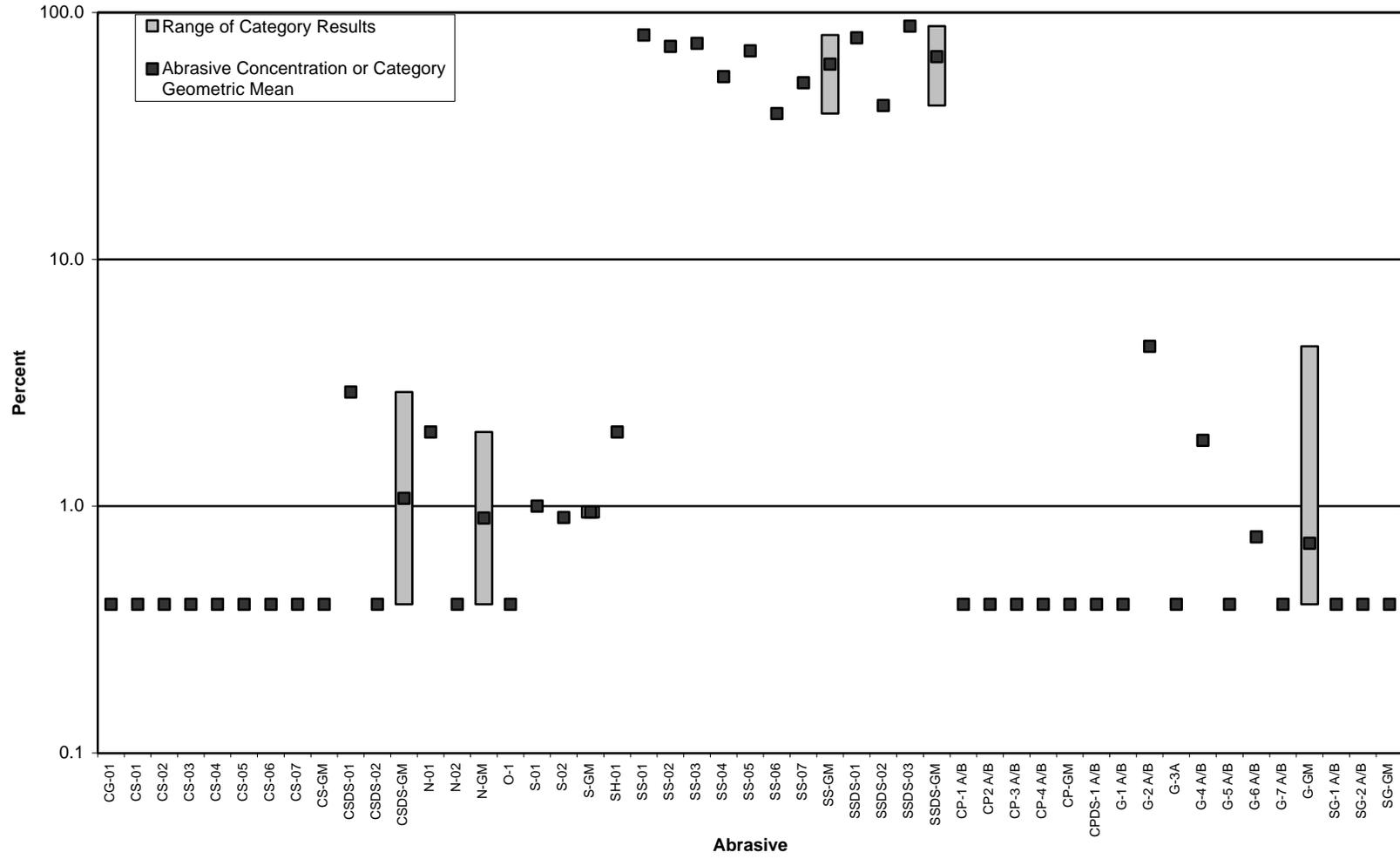


Figure 23  
Silver Bulk Sample Results

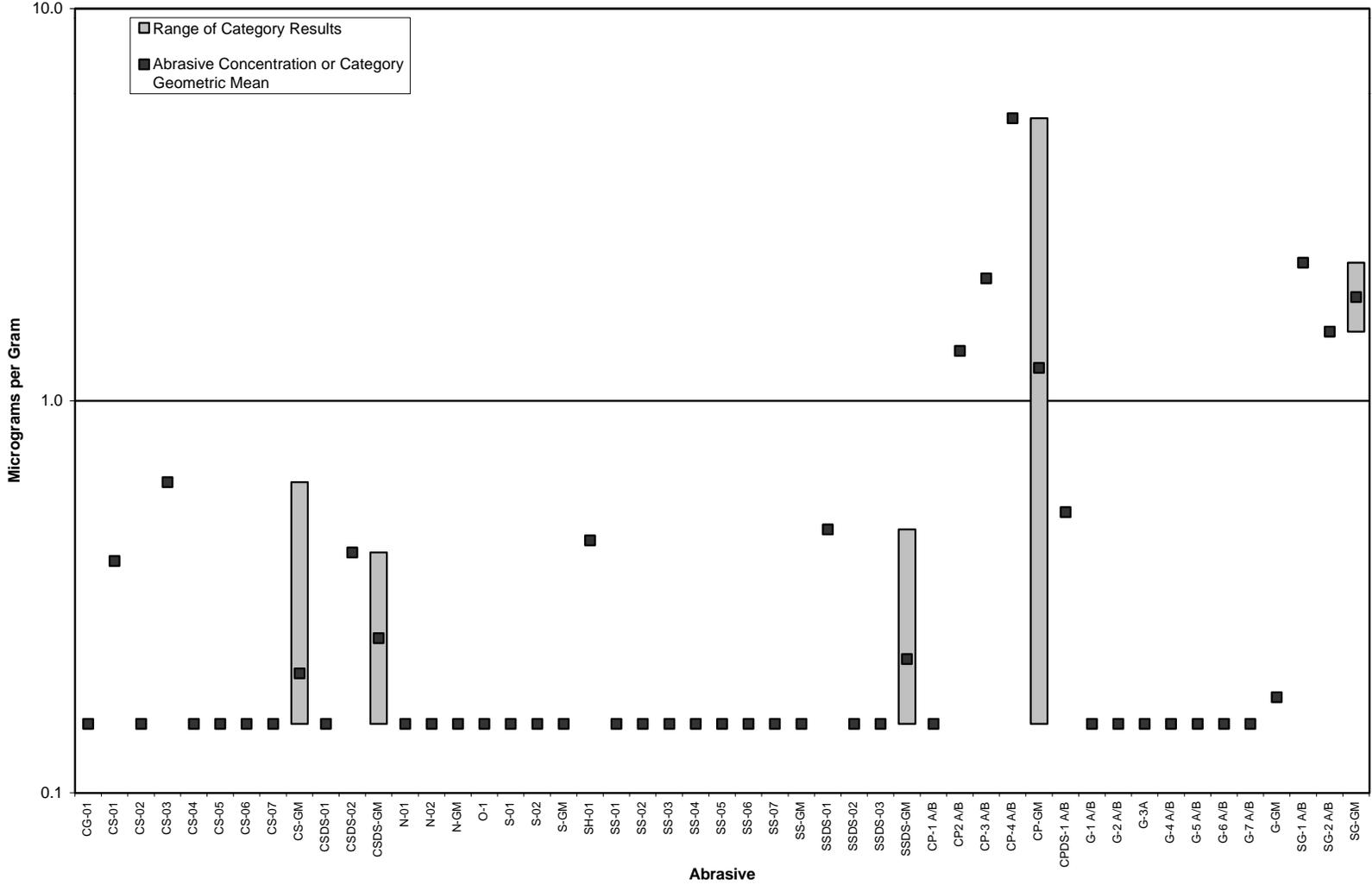
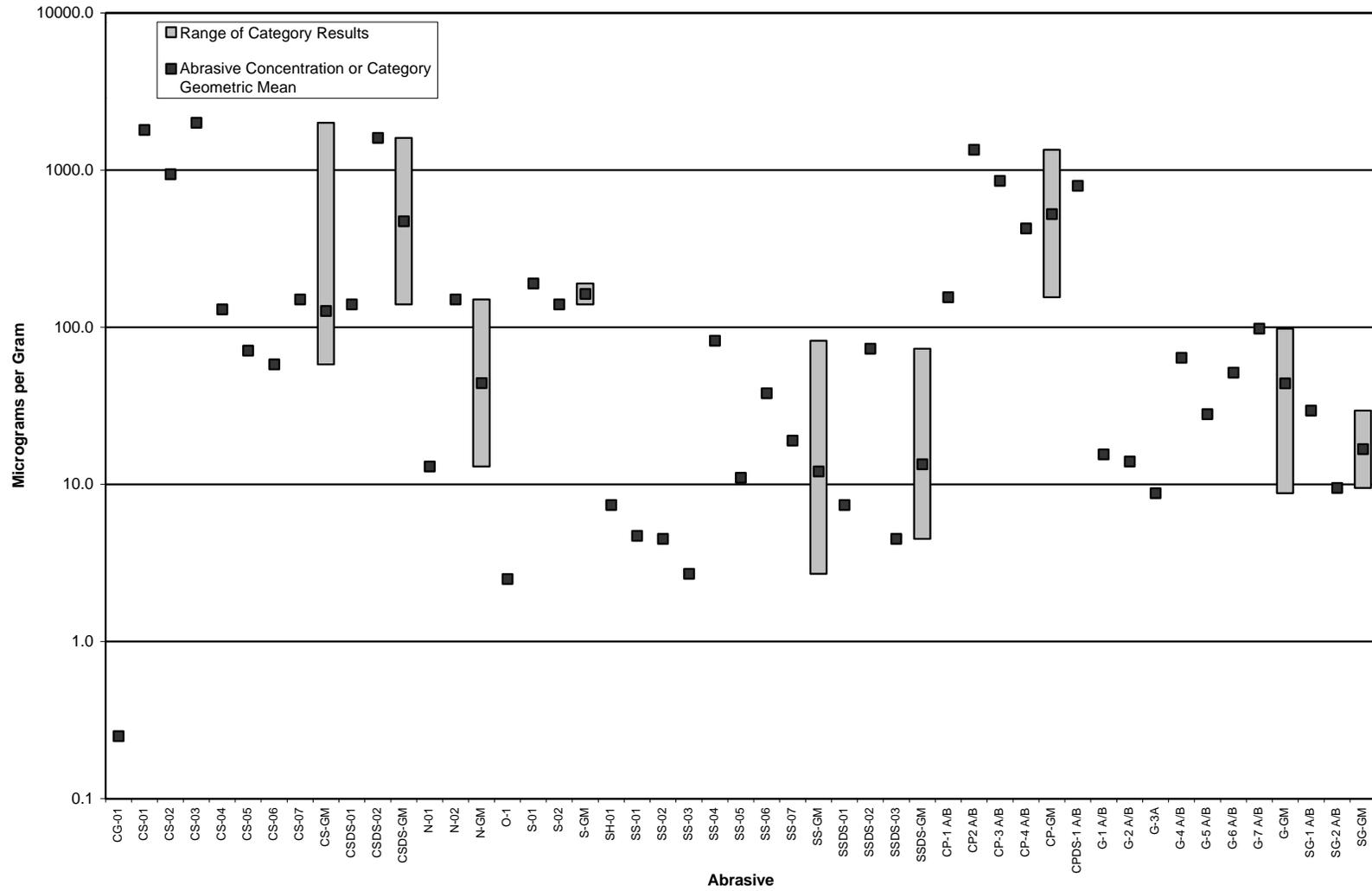


Figure 24  
Titanium Bulk Sample Results



**Figure 25**  
**Vanadium Bulk Sample Results**

